FIG. 1

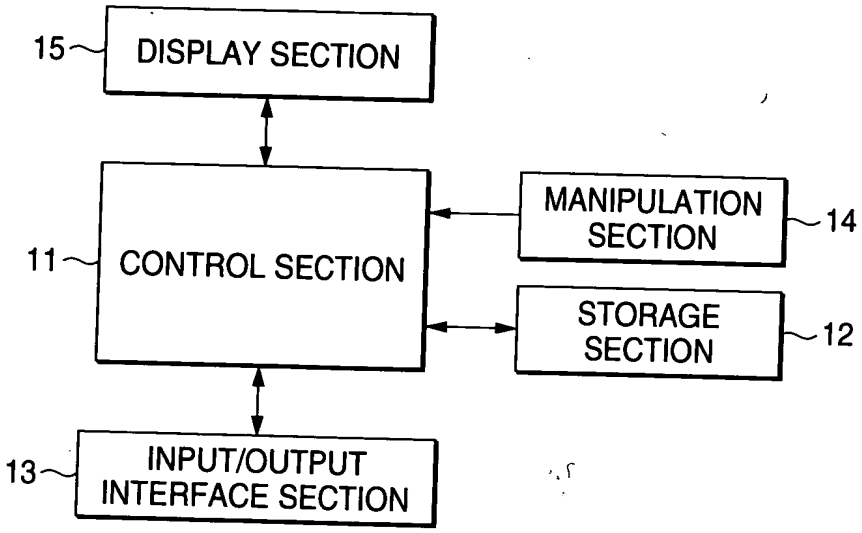

15
DISPLAY SECTION
11
CONTROL SECTION
MANIPULATION SECTION
14
STORAGE SECTION
12
13
INPUT/OUTPUT INTERFACE SECTION

FIG. 2

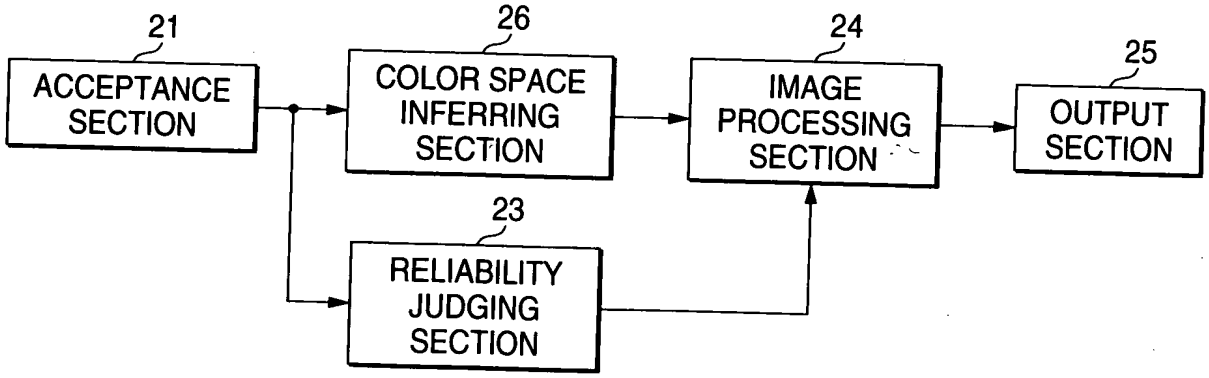

21
ACCEPTANCE SECTION
26
COLOR SPACE INFERRING SECTION
24
IMAGE PROCESSING SECTION
25
OUTPUT SECTION
23
RELIABILITY JUDGING SECTION

FIG. 3

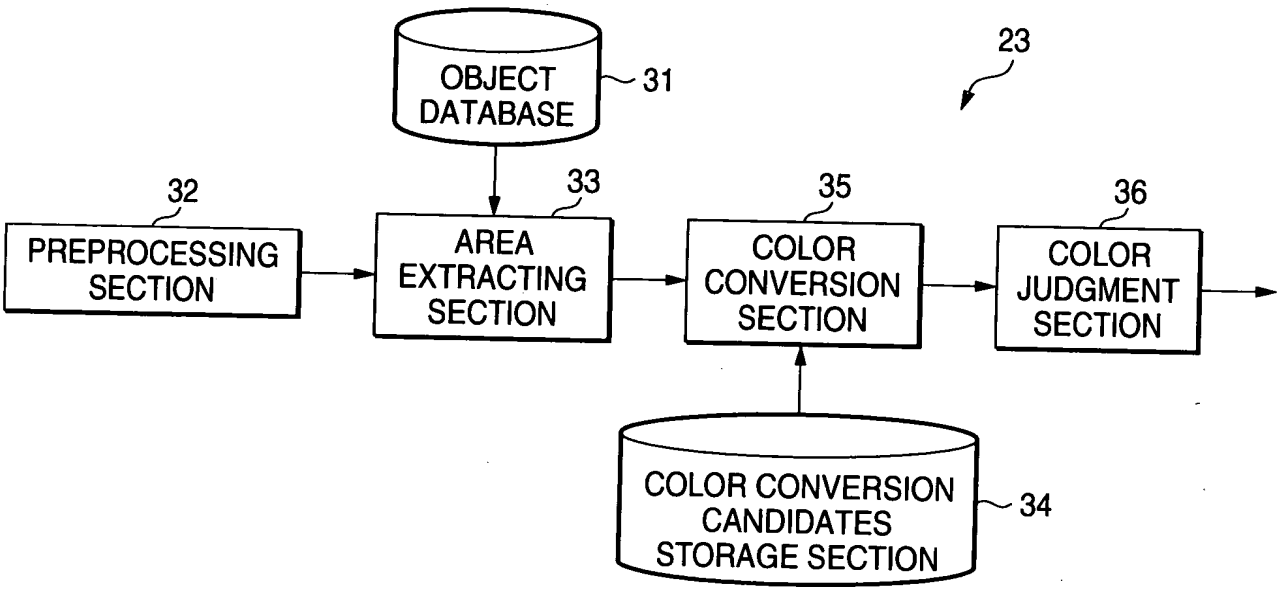


FIG. 4

A	B	C		
OBJECT	CHARACTERISTIC QUANTITY	SATURATION RANGE	HUE RANGE	.....
aaaa	bbbb	s1-s2	h1-h2	.....
cccc	dddd	s3-s4	h3-h4	.....
⋮	⋮	⋮	⋮	⋮

FIG. 5

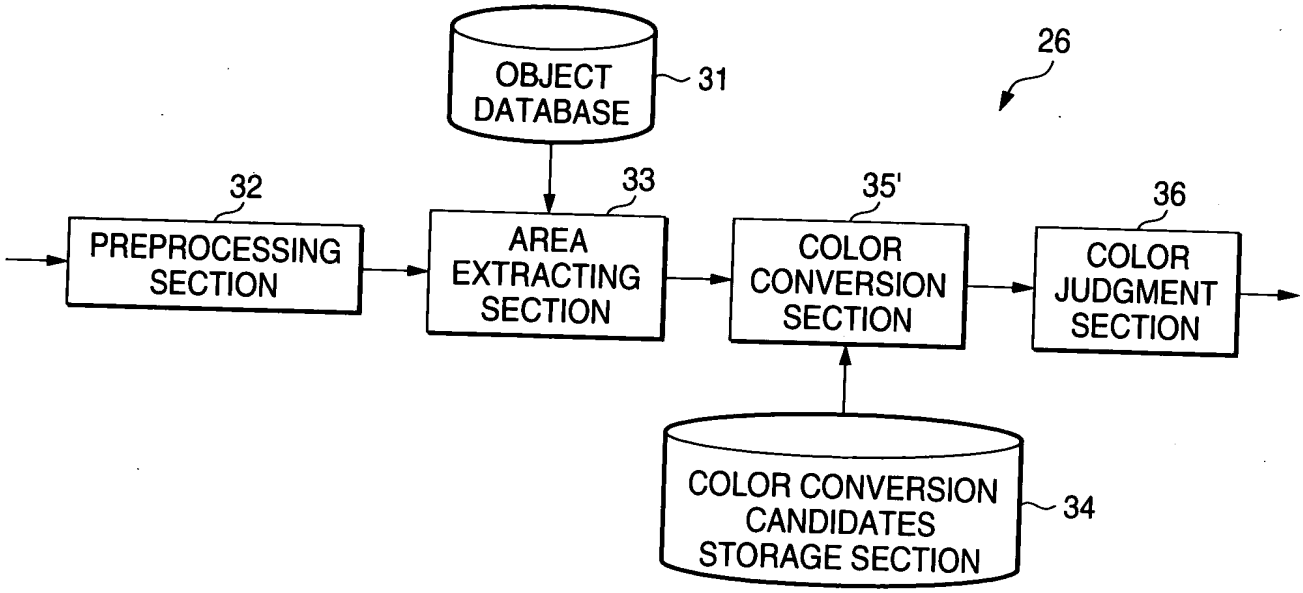

OBJECT DATABASE
31
26
32
PREPROCESSING SECTION
33
AREA EXTRACTING SECTION
35'
COLOR CONVERSION SECTION
36
COLOR JUDGMENT SECTION
COLOR CONVERSION CANDIDATES STORAGE SECTION
34

FIG. 6

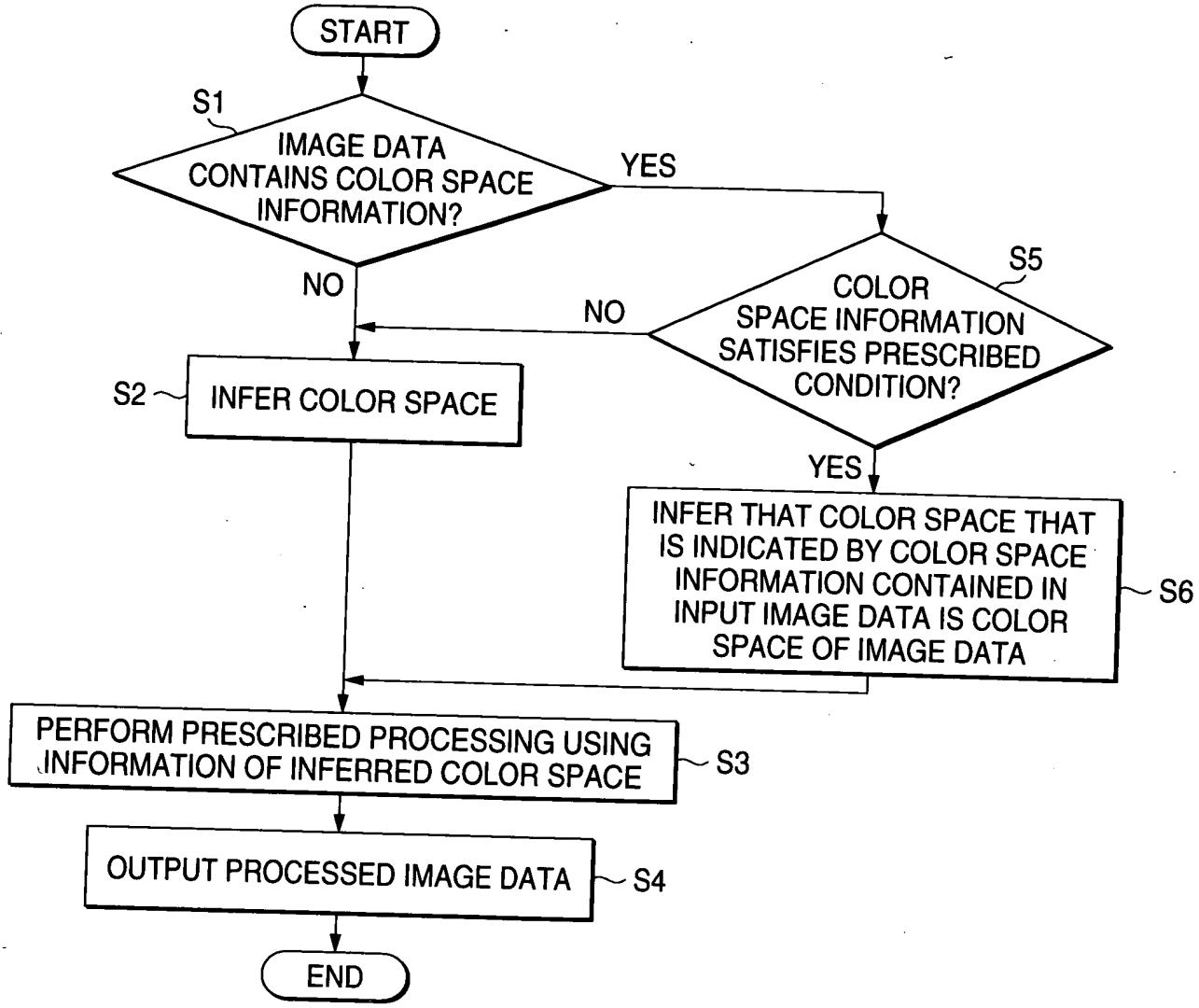

START
S1
IMAGE DATA CONTAINS COLOR SPACE INFORMATION?
YES
NO
S5
COLOR SPACE INFORMATION SATISFIES PRESCRIBED CONDITION?
NO
S2
INFER COLOR SPACE
YES
INFER THAT COLOR SPACE THAT IS INDICATED BY COLOR SPACE INFORMATION CONTAINED IN INPUT IMAGE DATA IS COLOR SPACE OF IMAGE DATA
S6
PERFORM PRESCRIBED PROCESSING USING INFORMATION OF INFERRED COLOR SPACE
S3
OUTPUT PROCESSED IMAGE DATA
S4
END

FIG. 7

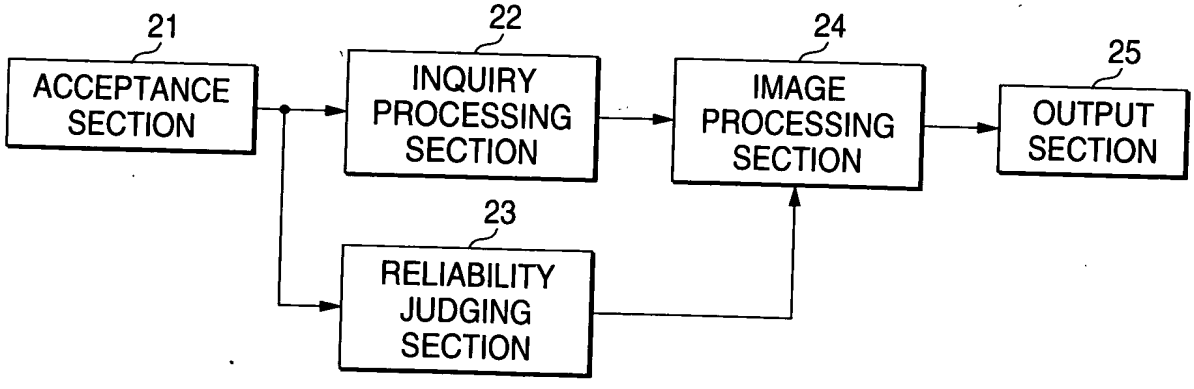
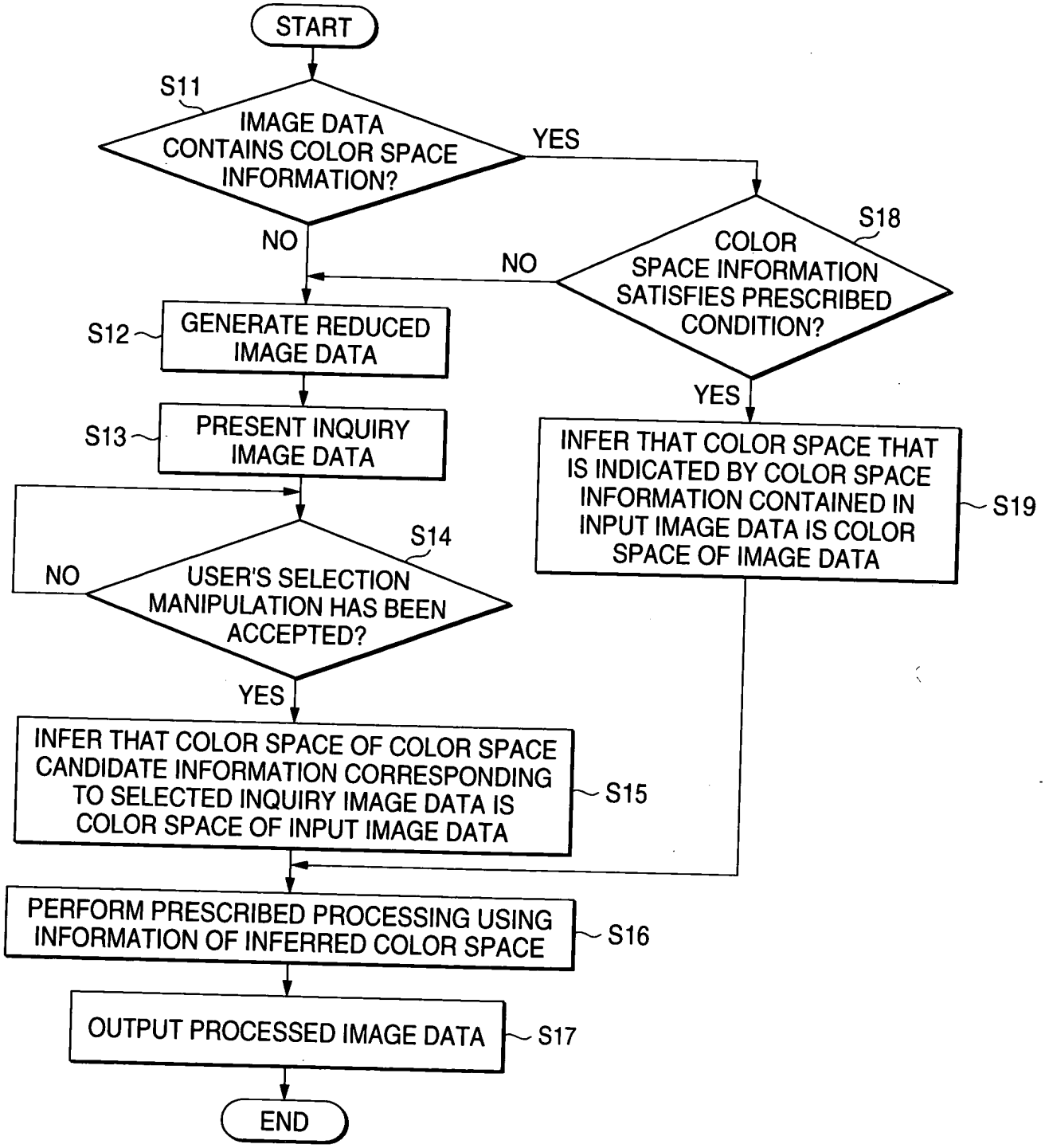

21
ACCEPTANCE SECTION
22
INQUIRY PROCESSING SECTION
23
RELIABILITY JUDGING SECTION
24
IMAGE PROCESSING SECTION
25
OUTPUT SECTION

FIG. 8


START
S11
IMAGE DATA CONTAINS COLOR SPACE INFORMATION?
YES
NO
S18
COLOR SPACE INFORMATION SATISFIES PRESCRIBED CONDITION?
NO
YES
S12
GENERATE REDUCED IMAGE DATA
S13
PRESENT INQUIRY IMAGE DATA
INFER THAT COLOR SPACE THAT IS INDICATED BY COLOR SPACE INFORMATION CONTAINED IN INPUT IMAGE DATA IS COLOR SPACE OF IMAGE DATA
S19
S14
NO
USER'S SELECTION MANIPULATION HAS BEEN ACCEPTED?
YES
INFER THAT COLOR SPACE OF COLOR SPACE CANDIDATE INFORMATION CORRESPONDING TO SELECTED INQUIRY IMAGE DATA IS COLOR SPACE OF INPUT IMAGE DATA
S15
PERFORM PRESCRIBED PROCESSING USING INFORMATION OF INFERRED COLOR SPACE
S16
OUTPUT PROCESSED IMAGE DATA
S17
END